

Project Title	Funding	Strategic Plan Objective	Institution
Office of the Scientific Director	\$4,040,811	Other	National Institutes of Health (NIH)
Autism Intervention Research Network on Physical Health (AIR-P network)	\$3,997,824	Q4.S.A	Massachusetts General Hospital
ACE Network: A longitudinal MRI study of infants at risk for autism	\$3,317,464	Q1.L.A	University of North Carolina at Chapel Hill
ACE Network: A multi-site randomized study of intensive treatment for toddlers with autism	\$2,968,118	Q4.S.D	University of California, Davis
ACE Network: A comprehensive approach to identification of autism susceptibility genes	\$2,895,517	Q3.L.B	University of California, Los Angeles
ACE Network: Early Autism Risk Longitudinal Investigation (EARLI) network	\$2,629,511	Q3.L.A	Drexel University
5/5-Elucidating the genetic architecture of autism by deep genomic sequencing	\$2,478,799	Q3.S.A	Vanderbilt University
Human autism genetics and activity-dependent gene activation	\$2,474,114	Q3.S.A	Children's Hospital Boston
2/5-Elucidating the genetic architecture of autism by deep genomic sequencing	\$2,442,659	Q3.S.A	Broad Institute, Inc.
Clinical and behavioral phenotyping of autism and related disorders	\$2,416,235	Q1.L.B	National Institutes of Health (NIH)
Learn the signs. Act early. - Improving early detection and diagnosis through improving parental awareness of developmental milestones	\$2,401,470	Q5.L.A	Centers for Disease Control and Prevention (CDC)
Epigenetic marks as peripheral biomarkers of autism	\$2,198,844	Q3.S.C	Emory University
Regulation of gene expression in the brain	\$2,125,882	Q2.Other	National Institutes of Health (NIH)
MRI system for neuroimaging typical and atypical cognitive and social development	\$2,000,000	Q2.Other	Carnegie Mellon University
1/5-Elucidating the genetic architecture of autism by deep genomic sequencing	\$2,000,000	Q3.S.A	Baylor College of Medicine
Autism Intervention Research Network on Behavioral Health (AIR-B network)	\$2,000,000	Q4.S.D	University of California, Los Angeles
Centers for Autism and Developmental Disabilities Research and Epidemiology (CADDRE) - Maryland	\$1,937,600	Q3.L.D	Johns Hopkins University
Animal models of neuropsychiatric disorders	\$1,835,912	Q4.S.B	National Institutes of Health (NIH)
Functional anatomy of face processing in the primate brain	\$1,678,309	Q2.Other	National Institutes of Health (NIH)
Whole-genome sequencing for rare highly penetrant gene variants in schizophrenia	\$1,671,247	Q3.S.C	Duke University
Studies on protein synthesis and long-term adaptive responses in the CNS	\$1,659,897	Q4.S.B	National Institutes of Health (NIH)
Metropolitan Atlanta Developmental Disabilities Surveillance Program/Autism and Developmental Disabilities Monitoring (ADDM) network - Georgia	\$1,635,887	Q7.I	Centers for Disease Control and Prevention (CDC)
Centers for Autism and Developmental Disabilities Research and Epidemiology (CADDRE) - Pennsylvania	\$1,565,617	Q3.L.D	University of Pennsylvania/Children's Hospital of Philadelphia

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Environment, the perinatal epigenome, and risk for autism and related disorders	\$1,509,000	Q3.S.C	Johns Hopkins University
Center for Genomic and Phenomic Studies in Autism	\$1,482,665	Q3.L.B	University of Southern California
National Database on Autism Research (NDAR)	\$1,442,000	Q7.H	Center for Information Technology
Interdisciplinary investigation of biological signatures of autism subtypes	\$1,429,402	Q2.L.A	University of California, Davis
Centers for Autism and Developmental Disabilities Research and Epidemiology (CADDRE) - California	\$1,386,673	Q3.L.D	Kaiser Foundation Research Institute
Deep sequencing of autism candidate genes in 2000 families from the Simons Simplex Collection	\$1,384,503	Q3.L.B	Cold Spring Harbor Laboratory
Studies of central nervous system functional anatomy	\$1,340,580	Q3.Other	National Institutes of Health (NIH)
The cognitive neuroscience of autism spectrum disorders	\$1,335,493	Q2.Other	National Institutes of Health (NIH)
The CHARGE Study: Childhood Autism Risks from Genetics and the Environment (supplement)	\$1,212,792	Q3.S.F	University of California, Davis
Molecular and genetic epidemiology of autism	\$1,211,372	Q3.L.B	University of Miami Miller School of Medicine
Centers for Autism and Developmental Disabilities Research and Epidemiology (CADDRE) - North Carolina	\$1,209,900	Q3.L.D	University of North Carolina at Chapel Hill
Identifying brain-based biomarkers for ASD & their biological subtypes	\$1,206,925	Q2.Other	New York State Psychiatric Institute
Centers for Autism and Developmental Disabilities Research and Epidemiology (CADDRE) - Colorado	\$1,192,664	Q3.L.D	Colorado Department of Health and Environment
Genomic profiling and functional mutation analysis in autism spectrum disorders	\$1,183,908	Q3.S.A	Yale University
Neural dissection of hyperactivity/inattention in autism	\$1,179,863	Q2.S.E	New York University School of Medicine
Genomic identification of autism loci	\$1,139,256	Q1.S.B	University of Washington
ACE Network: Early Autism Risk Longitudinal Investigation (EARLI) network (supplement)	\$1,111,301	Q3.L.A	Drexel University
Early detection of pervasive developmental disorders	\$1,067,234	Q1.S.A	University of Connecticut
Development of mGluR5 antagonists to treat fragile X syndrome and autism	\$1,048,100	Q4.Other	Seaside Therapeutics, LLC
Infants at risk of autism: A longitudinal study (supplement)	\$1,022,289	Q1.L.A	University of California, Davis
The CHARGE Study: Childhood Autism Risks from Genetics and the Environment	\$1,015,021	Q3.S.C	University of California, Davis
Biological correlates of altered brain growth in autism	\$1,011,793	Q3.S.A	Yale University
Improving and streamlining screening and diagnosis of ASD at 18-24 months of age	\$971,606	Q1.S.B	Florida State University
The creation of ASDRA (Autism Spectrum Disorder Risk Alert)	\$968,717	Q1.S.A	Tiranoff Productions, LLC

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Comparison of two comprehensive treatment models for preschool-aged children with autism spectrum disorders and their families	\$967,343	Q4.Other	University of North Carolina at Chapel Hill
Theory of Mind software for autism and other communication disorders	\$949,376	Q4.Other	Laureate Learning Systems, Inc.
2/2-Effects of parent-implemented intervention for toddlers with autism spectrum disorder	\$919,021	Q4.S.D	University of Michigan
ACE Center: Subject Assessment and Recruitment Core	\$907,560	Other	University of Pittsburgh
A systematic test of the relation of ASD heterogeneity to synaptic function	\$898,037	Q2.S.G	Stanford University
Centers for Autism and Developmental Disabilities Research and Epidemiology (CADDRE) - Georgia	\$868,924	Q3.L.D	Centers for Disease Control and Prevention (CDC)
Understanding the cognitive impact of early life epilepsy	\$845,000	Q2.S.E	Children's Hospital Boston
Prenatal factors and risk of autism in a Finnish national birth cohort	\$840,697	Q3.S.C	New York State Psychiatric Institute
Neurogenetic model of social behavior heterogeneity in autism spectrum disorders	\$821,227	Q4.S.B	Duke University
Social determinants of the autism epidemic	\$805,000	Q3.L.C	Columbia University
Intranasal oxytocin for the treatment of children and adolescents with autism spectrum disorders (ASD)	\$801,970	Q4.S.C	Holland Bloorview Kids Rehabilitation Hospital
Using induced pluripotent stem cells to identify cellular phenotypes of autism	\$800,000	Q2.S.G	Stanford University
Dissecting the neural control of social attachment	\$772,500	Q4.S.B	University of California, San Francisco
Efficacy and sustainability of the STAR program	\$758,928	Q4.S.F	University of Pennsylvania
Olivocerebellar circuitry in autism	\$756,843	Q3.Other	Boston University Medical Campus
Autism: Social and communication predictors in siblings	\$751,256	Q1.L.B	Kennedy Krieger Institute
RNA expression patterns in autism	\$739,224	Q3.L.B	Children's Hospital Boston
Improving social-communication, literacy, and adaptive behaviors for young children with autism spectrum disorders	\$734,999	Q4.S.F	University of Kansas
Comprehensive autism program using Strategies for Teaching based on Autism Research	\$725,029	Q4.S.F	Portland State University
Primate models of autism	\$724,953	Q2.S.A	University of California, Davis
Genome-wide environment interaction study for autism: The SEED study	\$723,953	Q3.S.C	Johns Hopkins University
Cold Spring Harbor Laboratory faculty recruitment in developmental neurobiology	\$719,000	Q7.K	Cold Spring Harbor Laboratory
Neurobehavioral research on infants at risk for SLI and autism	\$710,348	Q1.S.B	Boston University Medical Campus

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Centers for Autism and Developmental Disabilities Research and Epidemiology (CADDRE) - Data Coordinating Center	\$700,000	Q3.L.D	Michigan State University
Predicting useful speech in children with autism	\$689,435	Q1.L.B	Vanderbilt University
Autism Research Program	\$688,500	Q7.K	University of Southern California
A systems biology approach to unravel the underlying functional modules of ASD	\$663,063	Q3.S.A	University of California, San Diego
Providing core support for Jr. faculty for translational research in ASD	\$658,591	Q7.K	University of California, Los Angeles
A randomized trial of the STAR program for children with autism spectrum disorder	\$651,214	Q5.L.A	University of Pennsylvania
Autism in urban context: Linking heterogeneity with health and service disparities	\$634,898	Q5.L.A	University of Southern California
ACE Center: Early detection and intervention in infants at risk for autism	\$627,746	Q1.L.B	University of Washington
A neuroimaging study of twin pairs with autism	\$626,552	Q2.S.G	Stanford University
A longitudinal MRI study of brain development in fragile X syndrome	\$622,099	Q2.S.D	University of North Carolina at Chapel Hill
Autism and the development of relational awareness	\$618,557	Q4.Other	University of British Columbia
An open resource for autism iPSCs and their derivatives	\$617,911	Q2.S.C	Children's Hospital of Orange County
1/2 Development of a screening interview for research studies of ASD	\$617,084	Q1.S.A	University of Michigan
Receptive vocabulary knowledge in low-functioning autism as assessed by eye movements, pupillary dilation, and event-related potentials	\$615,000	Q1.Other	Johns Hopkins University
fMRI studies of neural dysfunction in autistic toddlers	\$614,468	Q2.Other	University of California, San Diego
Neurodevelopmental mechanisms of social behavior	\$607,379	Q2.Other	University of Southern California
Social-emotional development of infants at risk for autism spectrum disorders	\$606,646	Q1.Other	Vanderbilt University
Large-scale discovery of scientific hypotheses; Computation over expert opinions	\$603,044	Q3.Other	University of Chicago
A mitochondrial etiology of autism	\$597,884	Q2.S.A	University of California, Irvine
Development of a high-content neuronal assay to screen therapeutics for the treatment of cognitive dysfunction in autism spectrum disorders	\$597,637	Q4.S.B	Massachusetts Institute of Technology
Sensory processing and integration in autism	\$593,677	Q2.Other	City College of New York
Isolation of autism susceptibility genes	\$593,350	Q3.L.B	deCODE Genetics, Inc.
Taste, smell, and feeding behavior in autism: A quantitative traits study	\$592,498	Q2.Other	University of Rochester

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The ontogeny of social visual engagement in infants at risk for autism	\$584,587	Q1.L.A	Yale University
Design & synthesis of novel CNS-active oxytocin and vasopressin receptor ligands	\$584,206	Q4.Other	Scripps Research Institute
Infants at risk of autism: A longitudinal study	\$583,831	Q1.L.A	University of California, Davis
ACE Center: Genetic contributions to endophenotypes of autism	\$576,375	Q3.L.B	University of Washington
Social communication and symbolic play intervention for preschoolers with autism	\$574,966	Q4.Other	University of North Carolina at Chapel Hill
Finding autism genes by genomic copy number analysis	\$574,507	Q3.L.B	Children's Hospital Boston
Autistic traits: Life course & genetic structure	\$573,470	Q1.Other	Washington University in St. Louis
Role of autism-susceptibility gene, CNTNAP2, in neural circuitry for vocal communication	\$573,420	Q2.Other	University of California, Los Angeles
3/5-Elucidating the genetic architecture of autism by deep genomic sequencing	\$571,568	Q3.S.A	Mount Sinai School of Medicine
BDNF and the restoration of spine plasticity with autism spectrum disorders	\$571,019	Q2.S.D	University of California, Irvine
Function and structure adaptations in forebrain development	\$568,834	Q2.Other	University of Southern California
ACE Center: Assessment Core	\$568,028	Q1.L.A	Yale University
Early identification of autism: A prospective study	\$566,827	Q1.L.A	University of Pittsburgh
RNA-Seq studies of gene expression in cells and networks in FI and ACC in autism	\$564,301	Q2.Other	California Institute of Technology
Neural circuitry of social cognition in the broad autism phenotype	\$562,311	Q2.S.G	University of North Carolina at Chapel Hill
Expressive and receptive prosody in autism	\$559,970	Q1.Other	Oregon Health and Science University
Randomized controlled trial of the P.L.A.Y. Project intervention for autism	\$553,924	Q4.Other	Richard Solomon, MD, PLC
Development of an internet-based parent training intervention for children with ASD	\$552,530	Q5.L.A	Michigan State University
Social-affective bases of word learning in fragile X syndrome and autism	\$552,090	Q1.Other	University of Wisconsin - Madison
Interstate variation in healthcare utilization among children with ASD	\$547,471	Q5.Other	University of Pennsylvania
1/3-Multisite RCT of early intervention for spoken communication in autism	\$545,574	Q4.S.F	University of California, Los Angeles
Neural and phenotypic correlates of autism risk genes	\$545,057	Q3.S.A	University of California, Los Angeles
Genotype-phenotype relationships in fragile X families	\$541,900	Q3.Other	University of California, Davis
Treatment of medical conditions among individuals with autism spectrum disorders	\$535,209	Q2.S.E	National Institutes of Health (NIH)

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1/2-Effects of parent-implemented intervention for toddlers with autism spectrum disorder	\$535,179	Q4.S.D	Florida State University
Genetic and developmental analyses of fragile X syndrome	\$532,205	Q2.S.D	Vanderbilt University
The development of face processing	\$529,515	Q1.S.B	Children's Hospital Boston
Behavioral intervention in autism: Practitioner skills	\$527,107	Q5.L.A	Praxis, Inc.
Development of the functional neural systems for face expertise	\$524,017	Q2.Other	University of California, San Diego
ACE Center: Structural and chemical brain imaging of autism	\$521,038	Q2.S.E	University of Washington
Probing disrupted cortico-thalamic interactions in autism spectrum disorders	\$518,375	Q4.S.B	Children's Hospital Boston
Pragmatic skills of young males and females with fragile X syndrome	\$517,519	Q2.L.A	University of North Carolina at Chapel Hill
Atypical pupillary light reflex in individuals with autism	\$515,419	Q1.Other	University of Missouri
Administrative Core	\$512,062	Other	University of North Carolina at Chapel Hill
Behavioral Measurement Core	\$512,058	Other	University of North Carolina at Chapel Hill
Abnormal vestibulo-ocular reflexes in autism: A potential endophenotype	\$510,142	Q1.L.A	University of Florida
Early language development within the autism spectrum	\$505,018	Q1.Other	University of Wisconsin - Madison
Atypical late neurodevelopment in autism: A longitudinal MRI and DTI study	\$503,378	Q2.Other	University of Utah
Upgrade to multiuser 3T magnetic resonance imager	\$500,000	Q2.Other	University of Kentucky
Radiofrequency transmit and receive upgrade for 3T research scanner	\$500,000	Q2.Other	Kennedy Krieger Institute
Autism and Developmental Disabilities Monitoring (ADDM) network - South Carolina	\$500,000	Q7.I	Medical University of South Carolina
Autism and Developmental Disabilities Monitoring (ADDM) network - Maryland	\$500,000	Q7.I	Johns Hopkins University
Disseminating scientific information on autism to the Latino community	\$500,000	Q7.Other	University of Southern California
Developing a community-based ASD research registry	\$500,000	Q7.Other	University of Pennsylvania/Children's Hospital of Philadelphia
Randomized study of training in autism	\$499,999	Q5.S.A	University of Kentucky
JobTips: An employment preparation program for adolescents and young adults with ASD	\$499,965	Q6.L.A	Virtual Reality Aids, Inc.
Behavioral and genetic biomarker development for autism and related disorders	\$499,543	Q3.L.B	Rutgers, The State University of New Jersey - New Brunswick
Cell-based genomic analysis in mouse models of Rett syndrome	\$498,790	Q2.S.D	Cold Spring Harbor Laboratory

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Conventional vs. mindfulness intervention in parents of children with disabilities	\$498,782	Q5.Other	Vanderbilt University
Development of a brief screener for research in autism spectrum disorders	\$498,777	Q1.S.A	University of Michigan
Performance indices of social disability in toddlers with autism	\$497,995	Q1.L.B	Yale University
Sensorimotor learning of facial expressions: A novel intervention for autism	\$497,336	Q4.Other	University of California, San Diego
Impacts of parenting adolescents & adults with autism	\$496,331	Q2.L.A	University of Wisconsin - Madison
Translating pivotal response training into classroom environments	\$495,451	Q4.Other	Rady Children's Hospital Health Center
Longitudinal studies of autism spectrum disorders: 2 to 23	\$492,935	Q6.L.B	University of Michigan
Developing a 3D-based virtual learning environment for use in schools to enhance the social competence of youth with autism spectrum disorder	\$492,790	Q4.Other	University of Missouri
Unraveling the genetic etiology of autism	\$491,266	Q3.L.B	Vanderbilt University
Linking data sources from the Autism Genetic Resource Exchange (AGRE) with NDAR	\$490,996	Q7.H	Autism Speaks (AS)
Mechanisms of mitochondrial dysfunction in autism	\$489,354	Q2.S.A	Georgia State University
Improving synchronization and functional connectivity in autism spectrum disorders through plasticity-induced rehabilitation training	\$487,384	Q4.Other	University of California, San Diego
Sensory experiences in children with autism	\$486,700	Q1.Other	University of North Carolina at Chapel Hill
Identification and functional assessment of autism susceptibility genes	\$486,498	Q3.L.B	University of Medicine & Dentistry of New Jersey - Robert Wood Johnson Medical School
A molecular genetic study of autism and related phenotypes in extended pedigrees	\$483,824	Q3.L.B	University of North Carolina at Chapel Hill
Placental vascular tree as biomarker of autism/ASD risk	\$483,029	Q1.L.A	Research Foundation for Mental Hygiene, Inc.
4/5-Elucidating the genetic architecture of autism by deep genomic sequencing	\$482,846	Q3.S.A	University of Pennsylvania
Identification and functional assessment of autism susceptibility genes	\$478,257	Q3.L.B	Rutgers, The State University of New Jersey - New Brunswick
Engrailed genes and cerebellum morphology, spatial gene expression and circuitry	\$474,750	Q2.Other	Memorial Sloan-Kettering Cancer Center
Multimodal neuroimaging of white matter in autism	\$472,805	Q2.S.G	Massachusetts General Hospital
Biomarkers for autism and for gastrointestinal and sleep problems in autism	\$472,129	Q1.L.A	Yale University
Leap - USA (Using Science-Based Approaches)	\$459,425	Q4.S.F	University of Colorado Denver
Language functioning in optimal outcome children with a history of autism	\$457,153	Q2.L.B	University of Connecticut

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Transgenic mouse model to address heterogeneity in autism spectrum disorders	\$454,745	Q4.S.B	Vanderbilt University
Integrative functions of the planum temporale	\$452,524	Q2.Other	University of California, Irvine
Genetics of autism intermediate phenotypes	\$448,943	Q3.L.B	University of Utah
Identifying autism susceptibility genes by high-throughput chip resequencing	\$447,043	Q3.L.B	Emory University
ACE Center: Systems connectivity + brain activation: Imaging studies of language + perception	\$444,021	Q2.Other	University of Pittsburgh
Measuring quality adjusted life years in children with autism spectrum disorders	\$441,724	Q1.L.C	Arkansas Children's Hospital Research Institute
Epigenetic interaction of MECP2 and organic pollutants in neurodevelopment	\$432,523	Q3.Other	University of California, Davis
Behavioral and neural processing of faces and expressions in nonhuman primates	\$432,400	Q4.S.B	Emory University
Development of an intervention to enhance the social competencies of children with Asperger's/high functioning autism spectrum disorders	\$430,225	Q4.Other	State University of New York, Buffalo
3/3-Multisite RCT of early intervention for spoken communication in autism	\$426,589	Q4.S.F	Kennedy Krieger Institute
Characterization of the transcriptome in an emerging model for social behavior	\$426,250	Q4.S.B	Emory University
Basal ganglia circuitry and molecules in pathogenesis of motor stereotypy	\$419,799	Q3.L.B	University of California, Los Angeles
The microRNA pathway in translational regulation of neuronal development	\$417,813	Q2.S.D	J. David Gladstone Institutes
Perception of social and physical contingencies in infants with ASD	\$413,750	Q1.L.B	Yale University
Social evaluation in infants and toddlers	\$413,750	Q1.L.B	Yale University
The CHARGE Study: Childhood Autism Risks from Genetics and the Environment (supplement)	\$405,700	Q3.S.F	University of California, Davis
Neurobiological correlates of language dysfunction in autism spectrum disorders	\$404,389	Q2.Other	Alexian Brothers Medical Center
Neuroimaging of top-down control and bottom-up processes in childhood ASD	\$403,739	Q2.Other	Georgetown University
Elucidating the roles of SHANK3 and FXR in the autism interactome	\$403,492	Q2.S.D	Baylor College of Medicine
Molecular determinants of L-type calcium channel gating	\$402,500	Q4.S.B	Columbia University
Epidemiologic studies of reproductive and developmental outcomes – Denmark	\$400,000	Q3.S.E	Aarhus University
Autism and Developmental Disabilities Monitoring (ADDM) network - Arkansas	\$400,000	Q7.I	University of Arkansas for Medical Sciences

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Autism and Developmental Disabilities Monitoring (ADDM) network - Utah	\$400,000	Q7.I	University of Utah
Autism and Developmental Disabilities Monitoring (ADDM) network - New Jersey	\$400,000	Q7.I	University of Medicine & Dentistry of New Jersey
Morphogenesis and function of the cerebral cortex	\$399,013	Q2.Other	Yale University
Treatment as usual and peer engagement in teens with high functioning autism	\$397,852	Q4.S.F	Seattle Children's Hospital
ACE Center: Clinical Phenotype: Recruitment and Assessment Core	\$393,095	Q1.L.A	University of California, San Diego
Tele-health delivery of a family-focused intervention to reduce anxiety in youth with autism spectrum disorders in rural Colorado	\$393,024	Q4.Other	University of Colorado Denver
Family-centered transition planning for students with autism spectrum disorders	\$393,024	Q4.Other	University of New Hampshire
Parent-mediated vs. center-based intervention for toddlers with ASD: An RCT	\$393,024	Q4.S.D	Kennedy Krieger Institute
Supporting the well-being of families of young children with autism spectrum disorders	\$393,019	Q4.Other	Boston Medical Center
Neurologin function in vivo: Implications for autism and mental retardation	\$392,500	Q2.S.G	University of Texas Southwestern Medical Center
Synaptic processing in the basal ganglia	\$392,444	Q3.Other	University of Washington
Imaging signal transduction in single dendritic spines	\$390,000	Q2.Other	Duke University
Autism and Developmental Disabilities Monitoring (ADDM) network - Colorado	\$390,000	Q7.I	Colorado Department of Health and Environment
Linking local activity and functional connectivity in autism	\$388,825	Q2.Other	San Diego State University
3/3-Multisite RCT of early intervention for spoken communication in autism (supplement)	\$387,624	Q4.S.F	Kennedy Krieger Institute
ACE Center: Development of categorization, facial knowledge in low & high functioning autism	\$386,379	Q2.Other	University of Pittsburgh
Towards an endophenotype for amygdala dysfunction	\$384,145	Q2.Other	California Institute of Technology
The development and redevelopment of lexical and sublexical representations	\$380,273	Q2.Other	The Research Foundation of the State University of New York
Metabolic biomarkers of autism: Predictive potential and genetic susceptibility	\$380,150	Q1.L.A	Arkansas Children's Hospital Research Institute
Autism and Developmental Disabilities Monitoring (ADDM) network - Arizona	\$380,000	Q7.I	University of Arizona
Maternal immune activation, cytokines, and the pathogenesis of autism	\$378,570	Q3.L.C	University of California, Davis
ACE Center: Data and Statistics Core	\$377,577	Other	University of Illinois at Chicago
ACE Center: Cognitive affective and neurochemical processes underlying IS in autism	\$377,577	Q2.Other	University of Illinois at Chicago

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ACE Center: Genetics of serotonin in autism: Neurochemical and clinical	\$377,577	Q3.Other	University of Illinois at Chicago
ACE Center: The pharmacogenetics of treatment for insistence on sameness in autism	\$377,577	Q4.L.A	University of Illinois at Chicago
ACE Center: Assessment Core	\$377,572	Q1.Other	University of Illinois at Chicago
Developing a school-based Social Competence Intervention (SCI)	\$375,878	Q4.Other	University of Missouri
Translation regulation in hippocampal LTP and LTD	\$375,817	Q2.S.D	New York University
Selective disruption of hippocampal dentate granule cells in autism: Impact of PTEN deletion	\$375,000	Q2.S.E	Cincinnati Children's Hospital Medical Center
Behavioral treatment for autism in community settings using a telehealth network	\$374,649	Q5.L.A	University of Iowa
2/3-Multisite RCT of early intervention for spoken communication in autism	\$374,423	Q4.S.F	University of Rochester
Sex chromosomes, epigenetics, and neurobehavioral disease	\$374,036	Q2.S.B	University of Virginia
ACE Center: Targeting genetic pathways for brain overgrowth in autism spectrum disorders	\$371,478	Q3.Other	University of California, San Diego
Investigation of DUF1220 domains in human brain function and disease	\$367,008	Q3.Other	University of Colorado Denver
ACE Center: MRI studies of early brain development in autism	\$365,830	Q1.L.A	University of California, San Diego
2/2 Development of a screening interview for research studies of ASD	\$364,291	Q1.S.A	Cincinnati Children's Hospital Medical Center
Central vasopressin receptors and affiliation	\$363,959	Q4.S.B	Emory University
Olfactory abnormalities in the modeling of Rett syndrome	\$358,750	Q2.S.D	Johns Hopkins University
2/3-Atomoxetine placebo and parent training in autism	\$358,106	Q4.S.F	The Ohio State University
Targeted pharmacologic interventions for autism	\$355,516	Q4.L.C	Indiana University-Purdue University Indianapolis
Neurobiology of sociability in a mouse model system relevant to autism	\$354,375	Q4.S.B	University of Pennsylvania
Molecular components of A-type K ⁺ channels	\$352,538	Q2.S.E	New York University School of Medicine
Determining the genetic basis of autism by high-resolution analysis of copy number	\$351,639	Q3.L.B	Cold Spring Harbor Laboratory
Autism and Developmental Disabilities Monitoring (ADDM) network - Wisconsin	\$350,001	Q7.I	University of Wisconsin - Madison
Autism and Developmental Disabilities Monitoring (ADDM) network - Missouri	\$350,000	Q7.I	Washington University in St. Louis
Autism and Developmental Disabilities Monitoring (ADDM) network - Pennsylvania	\$350,000	Q7.I	University of Pennsylvania

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Autism and Developmental Disabilities Monitoring (ADDM) network - North Carolina	\$349,926	Q7.I	University of North Carolina at Chapel Hill
Early ASD surveillance - 2	\$349,737	Q7.L	Florida State University
Early ASD surveillance - 1	\$349,567	Q7.L	California Department of Health
The neural basis of sexually dimorphic brain function	\$349,395	Q2.S.B	University of Massachusetts Amherst
The microstructural basis of abnormal connectivity in autism	\$348,980	Q2.Other	University of Utah
Neuroimmunologic investigations of autism spectrum disorders (ASD)	\$348,146	Q2.S.A	National Institutes of Health (NIH)
Cerebellar modulation of frontal cortical function	\$347,643	Q2.Other	University of Memphis
Electrophysiological signatures of language impairment in autism spectrum disorder	\$347,590	Q1.L.B	Children's Hospital of Philadelphia
Communication success and AAC: A model of symbol acquisition	\$347,412	Q4.S.C	University of Kansas
The genetic control of social behavior in the mouse	\$346,000	Q4.S.B	University of Hawai'i at Manoa
Melatonin for sleep in children with autism: Safety, tolerability, and dosing	\$345,401	Q4.S.A	Vanderbilt University
Mechanisms for 5-HTT control of PPI and perseverative behavior using mouse models	\$345,375	Q2.S.G	University of Chicago
CRCNS: Ontology-based multi-scale integration of the autism phenome	\$345,180	Q7.C	Stanford University
Epigenetic etiologies of autism spectrum disorders	\$344,947	Q3.L.B	University of California, Davis
Interdisciplinary training for autism researchers	\$342,831	Q7.K	University of California, Davis
Autism and Developmental Disabilities Monitoring (ADDM) network - Florida	\$340,001	Q7.I	University of Miami
Autism and Developmental Disabilities Monitoring (ADDM) network - Alabama	\$340,000	Q7.I	University of Alabama at Birmingham
Integrated function/structure image analysis in autism	\$339,441	Q1.L.B	Yale University
ACE Center: Neuroimaging studies of connectivity in ASD	\$337,540	Q2.Other	Yale University
Evaluation of sensory integration treatment in ASD	\$336,344	Q4.S.C	Vanderbilt University
Multisensory integration of faces and voices in the primate temporal lobe	\$335,983	Q2.Other	Princeton University
Novel, subtype selective potentiators of nicotinic acetylcholine receptors	\$335,231	Other	University of Alaska Fairbanks
Assessing a participant directed service system for low income children with ASD	\$334,359	Q5.Other	Brandeis University
ACE Center: Rare variant genetics, contactin-related proteins and autism	\$334,236	Q3.Other	Yale University

Project Title	Funding	Strategic Plan Objective	Institution
ACE Center: Genetics of language & social communication: Connecting genes to brain & cognition	\$333,180	Q3.Other	University of California, Los Angeles
Motor skill learning in autism	\$332,646	Q2.Other	Kennedy Krieger Institute
Development of intermodal perception of social events: Infancy to childhood	\$332,204	Q1.Other	Florida International University
ACE Center: The development of the siblings of children with autism: A longitudinal study	\$331,863	Q1.Other	University of California, Los Angeles
Caring for caregivers: Supporting caregivers of people with autism spectrum disorder	\$330,752	Q5.S.B	Danya International, Inc.
ACE Center: Understanding repetitive behavior in autism	\$330,198	Q4.L.A	University of California, Los Angeles
Development of neural pathways in infants at risk for autism spectrum disorders	\$328,313	Q1.L.A	University of California, San Diego
ACE Center: The Imaging Core	\$326,381	Q2.Other	University of California, Los Angeles
The neural basis of social cognition	\$325,651	Q2.Other	Indiana University
Language development and outcome in children with autism	\$325,125	Q1.L.A	University of Connecticut
Using functional physiology to uncover the fundamental principles of visual cortex	\$323,000	Other	Carnegie Mellon University
Child-initiated communicative interactions and autism intervention	\$322,692	Q1.L.B	University of California, Santa Barbara
Proteomics in Drosophila to identify autism candidate substrates of UBE3A	\$319,550	Q2.S.D	University of Tennessee Health Science Center
Improving accuracy and accessibility of early autism screening	\$318,946	Q1.S.A	Total Child Health, Inc.
Autism iPSCs for studying function and dysfunction in human neural development	\$317,520	Q2.S.D	Scripps Research Institute
Sensory experiences in children with autism (supplement)	\$315,122	Q1.Other	University of North Carolina at Chapel Hill
Gene silencing in fragile X syndrome	\$312,908	Q2.S.D	National Institutes of Health (NIH)
The fusiform and amygdala in the pathobiology of autism	\$311,951	Q2.Other	Children's Hospital of Philadelphia
Genes disrupted by balanced genomic rearrangements in autism spectrum disorders	\$309,604	Q3.L.B	Massachusetts General Hospital
ACE Center: The Diagnostic and Assessment Core	\$309,135	Q1.Other	University of California, Los Angeles
The role of MECP2 in Rett syndrome	\$308,949	Q3.Other	University of California, Davis
ACE Center: Linguistic and social responses to speech in infants at risk for autism	\$308,398	Q1.L.A	University of Washington
ACE Center: Mirror neuron and reward circuitry in autism	\$307,838	Q2.Other	University of California, Los Angeles
ACE Center: Eye-tracking studies of social engagement	\$307,211	Q1.L.B	Yale University

Project Title	Funding	Strategic Plan Objective	Institution
ACE Center: Gaze perception abnormalities in infants with ASD	\$307,065	Q1.L.A	Yale University
The development of joint attention after infancy	\$307,063	Q1.Other	Georgia State University
Cognitive mechanisms of serially organized behavior	\$306,785	Other	Columbia University
Novel pharmacological strategies in autism	\$305,254	Q4.S.F	Indiana University-Purdue University Indianapolis
Regulation of 22q11 genes in embryonic and adult forebrain	\$305,105	Q2.S.D	University of North Carolina at Chapel Hill
Motivation, self-monitoring, and family process in autism	\$304,247	Q2.Other	University of Miami
Neurobiological mechanism of 15q11-13 duplication autism spectrum disorder	\$303,625	Q4.S.B	Beth Israel Deaconess Medical Center
Serotonin, corpus callosum, and autism	\$303,250	Q4.S.B	University of Mississippi Medical Center
Functional neuroanatomy of developmental changes in face processing	\$302,360	Q2.Other	University of Kentucky
Related services intervention for expressive and receptive language skills in autism spectrum disorder and in cognitive impairment	\$301,995	Q4.Other	Vanderbilt University
Steroid receptors and brain sex differences	\$301,301	Q2.S.B	University of Wisconsin - Madison
Dynamic regulation of Shank3 and ASD	\$300,000	Q4.S.B	Johns Hopkins University
Language development and outcome in children with autism (supplement)	\$299,918	Q1.L.A	University of Connecticut
Research Center for the Study of Gene Structure and Function (supplement)	\$299,668	Q3.L.B	Hunter College
Molecular mechanisms regulating synaptic strength	\$299,250	Q2.Other	Washington University in St. Louis
Emotion, communication, & EEG: Development & risk	\$298,154	Q1.L.B	University of Miami
ACE Center: Optimizing social and communication outcomes for toddlers with autism	\$297,894	Q4.S.F	University of California, Los Angeles
Investigating gene-environment interaction in autism: Air pollution X Genetics	\$297,117	Q3.S.F	University of Southern California
GABAergic dysfunction in autism	\$294,344	Q2.Other	University of Minnesota
Cortical circuit changes and mechanisms in a mouse model of fragile X syndrome	\$293,198	Q2.S.D	University of Texas Southwestern Medical Center
The MET signaling system, autism and gastrointestinal dysfunction	\$292,923	Q3.Other	University of Southern California
Chemosensory processing in chemical communication	\$287,963	Q2.Other	Florida State University
Neural and behavioral outcomes of social skills groups in children with ASD	\$287,798	Q4.S.F	Mount Sinai School of Medicine
Gross morphological correlates to the minicolumnopathy of autism	\$287,554	Q2.Other	University of Louisville
Statistics and Research Design Core	\$286,888	Other	Yale University

Project Title	Funding	Strategic Plan Objective	Institution
Prospective study of infants at high risk for autism	\$286,887	Q1.L.A	Yale University
Developmental processes, trajectories, and outcomes in autism	\$286,887	Q1.Other	Yale University
Studies of social communication in speakers with autism spectrum disorder	\$286,883	Q1.Other	Yale University
Computer adaptive testing of adaptive behavior of children and youth with autism	\$284,375	Q1.S.A	Boston University
Portable guidance in autism spectrum disorder	\$282,025	Q1.Other	SymTrend, Inc.
Core E: Participant Recruitment & Assessment Services	\$281,311	Other	Vanderbilt University
The effects of oxytocin on complex social cognition in autism spectrum disorders	\$279,520	Q4.L.A	Mount Sinai School of Medicine
3/3-Atomoxetine placebo and parent training in autism	\$277,200	Q4.S.F	University of Rochester
ACE Center: Auditory mechanisms of social engagement	\$275,966	Q1.Other	Yale University
Novel genetic animal models of autism	\$274,750	Q4.S.B	University of Texas Southwestern Medical Center
A randomized control study of relationship focused intervention with young children with ASD	\$274,750	Q4.S.F	Case Western Reserve University
1/3-Atomoxetine placebo and parent training in autism	\$272,698	Q4.S.F	University of Pittsburgh
Prenatal exposure to polyfluoroalkyl compounds in the EMA study	\$272,062	Q3.S.F	Kaiser Foundation Research Institute
Chromatin alterations in Rett syndrome	\$271,798	Q2.S.D	University of Massachusetts Medical School
ADHD symptoms in autism: Cognition, behavior, treatment	\$271,086	Q4.L.C	University of Texas Health Science Center at Houston
A sex-specific dissection of autism genetics	\$270,375	Q2.S.B	University of California, San Francisco
Autism in the second half of the lifespan: Behavior, daily living, service needs	\$270,312	Q5.Other	University of California, San Diego
Imaging brain and movement in ASD	\$270,296	Q2.Other	University of California, San Diego
TrkB agonist(s), a potential therapy for autism spectrum disorders	\$269,500	Q2.S.D	University of California, Los Angeles
Gene expression and immune cell function in mothers of children with autism	\$267,750	Q3.L.C	University of California, Davis
A comparative developmental connectivity study of face processing	\$267,046	Q4.S.B	University of Kentucky
CNTNAP2 in a behavioral model of autism	\$265,450	Q4.S.B	University of California, Los Angeles
Connectivity of anterior cingulate cortex networks in autism	\$265,044	Q2.Other	New York University School of Medicine
Initial investigation of prevention of ASD in infants at risk	\$263,510	Q4.Other	University of California, Davis
Identification and functional assessment of autism susceptibility genes	\$262,704	Q3.L.B	The Research Institute at Nationwide Children's Hospital

Project Title	Funding	Strategic Plan Objective	Institution
Studying the biology and behavior of autism at 1-year: The Well-Baby Check-Up Approach	\$261,462	Q1.L.A	University of California, San Diego
Emotion-modulated psychophysiology of autism spectrum disorders	\$258,981	Q1.Other	University of North Carolina at Chapel Hill
Exploring the neuronal phenotype of autism spectrum disorders using induced pluripotent stem cells	\$258,420	Q2.S.G	Stanford University
Mouse models of the neuropathology of tuberous sclerosis complex	\$258,344	Q2.S.D	University of Texas Health Science Center at Houston
Early detection of autism through acoustic analysis of cry	\$257,066	Q1.Other	Women and Infants Hospital of Rhode Island
High-resolution diffusion tensor imaging in mouse models relevant to autism	\$253,735	Q2.Other	University of Pennsylvania
Cell type-based genomics of developmental plasticity in cortical GABA interneurons	\$252,000	Q2.S.D	Cold Spring Harbor Laboratory
Social communication phenotype of ASD in the second year	\$251,746	Q1.L.A	Florida State University
Cerebellar anatomic and functional connectivity in autism spectrum disorders	\$251,419	Q2.Other	University of Texas at Austin
Comprehensive collection, charting, and communication system	\$249,940	Other	Symtrent, Inc.
Identification of lipid biomarkers for autism	\$249,924	Q1.L.A	Massachusetts General Hospital
Visual processing and later cognitive effects in infants with fragile X syndrome	\$249,794	Q1.Other	University of California, Davis
Parenting your young child with autism: A web-based tutorial	\$248,373	Q4.Other	Center for Psychological Consultation
Core A: Administrative Services	\$248,162	Other	Vanderbilt University
The development of object representation in infancy	\$248,095	Q2.Other	Regents of University of California
Pediatric Pharmacology Research Unit	\$243,183	Other	Wayne State University
Computational tools to analyze SNP data from patients with mental illness	\$243,011	Q3.L.B	Partek, Inc.
Augmentation of the cholinergic system in fragile X syndrome: A double-blind placebo-controlled randomized study of donepezil	\$240,000	Q2.S.D	Stanford University
Early social communication characteristics of ASD in diverse cultures in the US and Africa	\$238,233	Q1.S.B	Florida State University
Expressive crossmodal affect integration in autism	\$230,998	Q1.Other	Oregon Health and Science University
Eyeblink in children and adolescents with autism spectrum disorders: A pilot study	\$229,500	Q1.Other	Drexel University
GABA(A) receptor modulation via the beta subunit	\$228,787	Other	Emory University
A longitudinal 3-D MRSI study of infants at high risk for autism	\$225,553	Q1.L.A	University of Washington

Project Title	Funding	Strategic Plan Objective	Institution
Service transitions among youth with autism spectrum disorders	\$225,355	Q6.L.B	Washington University in St. Louis
Building a selective inhibitory control tone in autism: An rTMS study	\$222,000	Q4.Other	University of Louisville
1/3 CBT for anxiety disorders in autism: Adapting treatment for adolescents	\$221,667	Q4.S.F	University of California, Los Angeles
Project 1: Environmental epidemiology of autism	\$213,876	Q3.L.C	University of California, Davis
Using CBPR to design & pilot a physical activity program for youth with ASD	\$213,706	Other	University of Massachusetts Medical School
Training outpatient clinicians to deliver cognitive behavior therapy to children	\$212,376	Q4.S.C	University of Colorado Denver
Patient iPS cells with copy number variations to model neuropsychiatric disorders	\$210,546	Q2.S.G	The Hospital for Sick Children
Memory for visual material	\$208,711	Other	University of Washington
MRI measures of neural connectivity in Asperger's disorder	\$208,337	Q2.Other	University of Michigan
High content screens of neuronal development for autism research	\$207,931	Q2.S.D	University of California, San Diego
ACE Center: Imaging the autistic brain before it knows it has autism	\$206,916	Q2.Other	University of California, San Diego
Virtual reality and augmented social training for autism	\$205,812	Q4.Other	University of California, Davis
ACE Center: Clinical Phenotype: Treatment Response Core	\$205,498	Q4.Other	University of California, San Diego
Behavioral pilot for an imaging study of social attention deficits in autism	\$205,200	Q2.Other	Washington University in St. Louis
Validation study of atypical dynamic pupillary light reflex as a biomarker for autism	\$204,525	Q1.L.A	University of Missouri
Robot-child interactions as an intervention tool for children with autism	\$204,403	Q4.Other	University of Connecticut
Cellular and genetic correlates of increased head size in autism spectrum disorder	\$203,943	Q2.S.G	Yale University
Treatment of autism spectrum disorders with a glutamate antagonist	\$203,517	Q4.S.C	National Institutes of Health (NIH)
ACE Center: Data Management and Analysis Core	\$202,737	Q1.L.A	Yale University
ACE Center: Integrated Biostatistical and Bioinformatic Analysis Core (IBBAC)	\$202,457	Q1.L.A	University of California, San Diego
ACE Center: Imaging autism biomarkers + risk genes	\$201,934	Q3.Other	University of California, San Diego
Tools for automated assessment of language	\$198,687	Q1.Other	Biospeech, Inc.
Anterior cingulate and fronto-insular related brain networks in autism	\$194,745	Q2.Other	Mount Sinai School of Medicine

Project Title	Funding	Strategic Plan Objective	Institution
Adapting cognitive enhancement therapy for ASD	\$194,096	Q4.Other	University of Pittsburgh
Early detection of pervasive developmental disorders (supplement)	\$193,155	Q1.S.A	University of Connecticut
Autism-specific mutation in DACT1: Impact on brain development in a mouse model	\$193,125	Q2.S.G	University of California, San Francisco
ACE Center: Subject Assessment and Recruitment Core (supplement)	\$192,177	Other	University of Pittsburgh
Neurobiology of affective prosody perception in autism	\$190,000	Q2.Other	Washington University in St. Louis
International Mental Health/Developmental Disabilities Research Training Program	\$188,000	Other	Children's Hospital Boston
2/3 CBT for anxiety disorders in autism: Adapting treatment for adolescents	\$186,823	Q4.S.F	University of South Florida
Autism: Neuropeptide hormones and potential pathway genes	\$185,897	Q2.S.G	University of Illinois at Chicago
Characterization of a novel mouse model of restricted repetitive behaviors	\$184,844	Q4.S.B	University of North Carolina at Chapel Hill
The mirror neuron system in the monkey and its role in action understanding	\$184,470	Q2.Other	Massachusetts General Hospital
Pharmacotherapy of pervasive developmental disorders	\$184,259	Q4.L.C	Indiana University-Purdue University Indianapolis
Genetic investigation of cognitive development in autistic spectrum disorders	\$184,248	Q3.L.B	Brown University
Reward system in autism	\$181,125	Q2.Other	Kennedy Krieger Institute
Genetic dissection of restricted repetitive behavior (RRB)	\$180,254	Q3.Other	University of Florida
Genetic epidemiology of autism spectrum disorders	\$178,175	Q3.Other	Yale University
Magnetic source imaging and sensory behavioral characterization in autism	\$176,201	Q1.L.B	University of California, San Francisco
Neurobiology of sociability in a mouse model system relevant to autism (supplement)	\$175,927	Q4.S.B	University of Pennsylvania
1/2-Effects of parent-implemented intervention for toddlers with autism spectrum disorder (supplement)	\$175,000	Q4.S.D	Florida State University
2/2-Effects of parent-implemented intervention for toddlers with autism spectrum disorder (supplement)	\$175,000	Q4.S.D	University of Michigan
Communication success and AAC: A model of symbol acquisition (supplement)	\$174,060	Q4.S.C	University of Kansas
Autism in a fish eating population	\$172,491	Q3.S.F	University of Rochester
Murine genetic models of autism	\$172,390	Q2.Other	Vanderbilt University
Interstate variation in healthcare utilization among children with ASD (supplement)	\$171,947	Q5.Other	University of Pennsylvania
ACE Center: Risk and protective factors in the development of associated symptoms in autism	\$171,867	Q4.S.F	University of Washington

Project Title	Funding	Strategic Plan Objective	Institution
Fraternal birth order effects on behavior	\$171,000	Q3.Other	Michigan State University
Translating autism intervention for mental health services via knowledge exchange	\$169,101	Q5.L.A	University of California, San Diego
Multimodal brain imaging in autism spectrum disorders	\$165,397	Q2.Other	University of Washington
Genetics and physiology of social anxiety in fragile X	\$160,398	Q2.S.D	University of California, Davis
Development of genomic resources for prairie voles	\$158,400	Q4.S.B	Emory University
Optogenetic analysis of circuits for vocal recognition	\$156,000	Q2.Other	Duke University
Functional neuroimaging of psychopharmacologic intervention for autism	\$155,901	Q2.L.B	University of North Carolina at Chapel Hill
The intersection of autism and ADHD	\$155,319	Q4.S.F	Washington University in St. Louis
Multimodal analyses of face processing in autism and Down syndrome	\$155,270	Q1.Other	University of Massachusetts Medical School
ACE Center: Disturbances of affective contact: Development of brain mechanisms for emotion	\$154,445	Q2.Other	University of Pittsburgh
A mouse knock-in model for ENGRAILED 2 autism susceptibility	\$152,667	Q4.S.B	University of Medicine & Dentistry of New Jersey - Robert Wood Johnson Medical School
Social and affective components of communication	\$152,186	Q2.Other	The Salk Institute for Biological Studies
The role of the amygdala in autism	\$152,144	Q2.Other	University of California, Davis
Taste, smell, and feeding behavior in autism: A quantitative traits study (supplement)	\$151,884	Q2.Other	University of Rochester
Stimulus structure enhancement of visual symbol detection in AAC	\$150,714	Q4.Other	University of Massachusetts Medical School
Behavioral and sensory evaluation of auditory discrimination in autism	\$150,220	Q2.Other	University of Massachusetts Medical School
Sex differences in early brain development: Brain development in Turner syndrome	\$150,049	Q2.S.D	University of North Carolina at Chapel Hill
Electrophysiological signatures of language impairment in autism spectrum disorder (supplement)	\$149,432	Q1.L.B	Children's Hospital of Philadelphia
Structural and functional neural correlates of early postnatal deprivation	\$148,768	Q3.Other	Wayne State University
Psychosis and autoimmune diseases in Denmark	\$148,389	Q3.S.E	Johns Hopkins University
ACE Center: Administrative Core	\$147,818	Q2.L.B	Yale University
Cognitive control in autism	\$146,960	Q2.Other	University of California, Davis
Epidemiological research on autism in Jamaica	\$146,500	Q3.L.D	University of Texas Health Science Center at Houston
Guiding visual attention to enhance discrimination learning	\$145,437	Q4.Other	University of Massachusetts Medical School
Multiple social tasks and social adjustment	\$144,875	Q1.L.B	California State University, Northridge
The transcription factor PLZF: A possible genetic link between immune dysfunction and autism	\$142,113	Q3.Other	Memorial Sloan-Kettering Cancer Center

Project Title	Funding	Strategic Plan Objective	Institution
Melatonin for sleep in children with autism: Safety, tolerability, and dosing (supplement)	\$140,616	Q4.S.A	Vanderbilt University Medical Center
The role of Fox-1 in neurodevelopment and autistic spectrum disorder	\$139,471	Q2.Other	University of California, Los Angeles
Understanding the delay in the diagnosis of autism	\$139,072	Q1.S.C	University of Pennsylvania
Core--Genomics/Bioinformatics--Alzheimer's disease and autism	\$136,335	Q3.L.B	Columbia University
Project 2: Immunological susceptibility of autism	\$136,181	Q2.S.A	University of California, Davis
Project 3: Neurodevelopmental toxicology of autism	\$136,181	Q3.Other	University of California, Davis
Fundamental mechanisms of GPR56 activation and regulation	\$135,625	Q2.S.D	Emory University
A cognitive-behavioral intervention for children with autism spectrum disorders	\$134,668	Q4.Other	Virginia Polytechnic Institute and State University
Analysis of the small intestinal microbiome of children with autism	\$132,750	Q2.Other	Massachusetts General Hospital
Neocortical mechanisms of categorical speech perception	\$132,214	Q1.L.C	University of California, San Francisco
Development of ventral stream organization	\$131,870	Q2.L.B	University of Pittsburgh
Systematic characterization of the immune response to gluten and casein in autism spectrum disorders	\$126,432	Q1.Other	Weill Cornell Medical College
Immune biomarkers in serum and newborn dried blood spots	\$125,000	Q3.L.C	Centers for Disease Control and Prevention (CDC)
Vasopressin receptors and social attachment	\$121,500	Q4.S.B	Emory University
Pharmacogenomics in autism treatment	\$121,239	Q4.L.C	University of California, Davis
BrainVision BrainAmp MR plus	\$120,670	Q1.S.A	Mount Sinai School of Medicine
Engrailed and the control of synaptic circuitry in Drosophila	\$112,500	Q2.Other	University of Puerto Rico Medical Sciences Campus
Novel strategies to manipulate Ube3a expression for the treatment of autism and Angelman syndrome	\$111,000	Q4.Other	University of North Carolina at Chapel Hill
The functional link between DISC1 and neuroligins: Two genetic factors in the etiology of autism	\$110,250	Q2.S.D	Children's Memorial Hospital, Chicago
Self-injurious behavior: An animal model of an autism endophenotype	\$107,918	Q2.S.G	University of Florida
Primate models of autism	\$106,671	Q4.S.B	University of California, Davis
A non-human primate autism model based on maternal immune activation	\$106,670	Q4.S.B	University of California, Davis
Anatomy of primate amygdaloid complex	\$106,669	Q2.Other	University of California, Davis
Immunopathogenesis in autism: Regulatory T cells and autoimmunity in neurodevelopment	\$106,609	Q3.S.F	East Carolina University

Project Title	Funding	Strategic Plan Objective	Institution
ACE Network: Early pharmacotherapy guided by biomarkers in autism	\$100,000	Q4.S.F	Wayne State University
Services and outcomes for transition age young adults with autism spectrum disorders: Secondary analysis of the NLTS2 and RSA 911	\$100,000	Q6.Other	University of Massachusetts Boston
Core C: Analytical Core	\$97,270	Q3.Other	University of California, Davis
ACE Center: Systems connectivity + brain activation: Imaging studies of language + perception (supplement)	\$94,022	Q2.Other	University of Pittsburgh
The effectiveness of special education services for children with autism: A national longitudinal study	\$93,533	Q4.Other	University of North Carolina at Chapel Hill
Analyses of brain structure and connectivity in young children with autism	\$90,000	Q1.L.B	University of California, Davis
Serotonin, autism, and investigating cell types for CNS disorders	\$90,000	Q4.S.B	The Rockefeller University
Time perception and timed performance in autism	\$89,871	Q2.Other	Kennedy Krieger Institute
Coherence and temporal dynamics in auditory cortex of children with autism	\$88,292	Q2.Other	Massachusetts General Hospital
Core B: Outreach and Translation	\$84,728	Q3.Other	University of California, Davis
Autistic endophenotypes and their associations to oxytocin and cholesterol	\$84,055	Q2.Other	Mount Sinai School of Medicine
Pharmacogenomics in autism treatment	\$83,961	Q4.L.C	University of California, Davis
Perceptual factors affecting social attention in autism spectrum disorders	\$82,750	Q1.L.B	Yale University
CPEA Data Coordinating Center (supplement)	\$82,081	Other	DM-STAT, Inc.
ACE Center: Development of categorization, facial knowledge in low & high functioning autism (supplement)	\$81,816	Q2.Other	University of Pittsburgh
Neural basis for the production and perception of prosody	\$81,500	Q2.Other	University of Southern California
Precursors of theory of mind in young children with autism	\$79,227	Q2.Other	Carnegie Mellon University
Cortical complexity in children with autism, unaffected siblings, and controls	\$79,000	Q2.Other	Stanford University
Neural correlates of eye gaze processing in fragile X syndrome and autism spectrum disorders	\$78,000	Q1.Other	University of Washington
Neurologin regulation of central GABAergic synapses	\$78,000	Q2.S.D	Duke University
Physiological and behavioral characterization of sensory dysfunction in autism	\$77,250	Q2.Other	Thomas Jefferson University
Neocortical regionalization: Analysis of genetic and epigenetic influences	\$75,000	Q2.Other	University of California, Riverside
Nonlinguistic vocalizations in autism: Acoustic cry analysis in early infancy	\$74,200	Q1.L.A	Women and Infants Hospital of Rhode Island

Project Title	Funding	Strategic Plan Objective	Institution
Pre- and postnatal neurobehavioral profiles in infants at risk for autism	\$74,200	Q1.Other	Women and Infants Hospital of Rhode Island
An investigation of neuropsychological endophenotypes in autism and fragile X	\$73,938	Q2.S.D	University of North Carolina at Chapel Hill
Face processing and brain function associated with autistic symptoms in fragile X	\$73,500	Q2.S.D	University of Wisconsin - Madison
Genetic study of restricted repetitive behavior in autism spectrum disorders	\$72,856	Q3.S.A	University of Florida
Sibling-mediated social communicative intervention for children with autism spectrum disorder	\$71,700	Q4.Other	University of Idaho
Pupil size and circadian salivary variations in autism spectrum disorder	\$70,138	Q1.L.A	University of Kansas
Development of face perception and recognition (supplement)	\$68,253	Q1.Other	Stanford University
Epigenetic interaction of MECP2 and organic pollutants in neurodevelopment (supplement)	\$67,208	Q3.Other	University of California, Davis
GABAergic dysfunction in autism (supplement)	\$63,950	Q2.Other	University of Minnesota
Predicting useful speech in children with autism (supplement)	\$59,553	Q1.L.B	Vanderbilt University
Core D: Molecular Genomics Core	\$57,649	Q3.Other	University of California, Davis
Growth and maturation in children with autism	\$57,383	Q1.L.B	National Institutes of Health (NIH)
Role of neuroligins in long-term plasticity at excitatory and inhibitory synapses	\$57,194	Q2.S.D	Albert Einstein College of Medicine of Yeshiva University
Autism: The neural substrates of language in siblings	\$56,140	Q2.S.G	Boston University Medical Campus
ACE Center: Genetics of language & social communication: Connecting genes to brain & cognition (supplement)	\$55,592	Q3.Other	University of California, Los Angeles
ACE Center: The development of the siblings of children with autism: A longitudinal study (supplement)	\$55,372	Q1.Other	University of California, Los Angeles
ACE Center: Understanding repetitive behavior in autism (supplement)	\$55,094	Q4.L.A	University of California, Los Angeles
ACE Center: The Imaging Core (supplement)	\$54,458	Q2.Other	University of California, Los Angeles
The neural substrates of repetitive behaviors in autism	\$54,436	Q2.Other	Boston University Medical Campus
Slick and slack heteromers in neuronal excitability	\$53,354	Q2.Other	Yale University
ACE Center: The Diagnostic and Assessment Core (supplement)	\$51,580	Q1.Other	University of California, Los Angeles
ACE Center: Mirror neuron and reward circuitry in autism (supplement)	\$51,364	Q2.Other	University of California, Los Angeles
Synaptic analysis of neuroligin 1 function	\$50,054	Q2.S.D	Stanford University
Synaptic plasticity, memory and social behavior	\$50,054	Q4.S.B	New York University

Project Title	Funding	Strategic Plan Objective	Institution
ACE Center: Optimizing social and communication outcomes for toddlers with autism (supplement)	\$49,704	Q4.S.F	University of California, Los Angeles
Rapid characterization of balanced genomic rearrangements contributing to autism	\$49,343	Q2.S.G	Massachusetts General Hospital
Multimodal studies of executive function deficits in autism spectrum disorders	\$48,954	Q1.L.B	Massachusetts General Hospital
Emotional mimicry in children with autism	\$48,647	Q1.L.B	University of Colorado Denver
International Meeting for Autism Research (IMFAR)	\$48,550	Q7.K	University of California, Davis
Cortical circuit changes and mechanisms in a mouse model of fragile X syndrome (supplement)	\$47,848	Q2.S.D	University of Texas Southwestern Medical Center
Neural substrate of language and social cognition: Autism and typical development	\$47,210	Q2.Other	Massachusetts Institute of Technology
Cellular structure of the amygdala in autism	\$45,218	Q1.L.B	University of California, Davis
Neural mechanisms of social cognition and bonding	\$43,907	Q4.S.B	Emory University
Behavioral, physiological & neuroanatomical consequences of maternal separation	\$43,907	Q4.S.B	Emory University
Regulation of activity-dependent ProSAP2 synaptic dynamics	\$41,176	Q2.Other	Stanford University
White matter connections of the face processing network in children and adults	\$41,176	Q2.S.D	Stanford University
The impact of classroom climate on autism intervention fidelity and outcomes	\$41,176	Q4.Other	University of Pennsylvania
A model for inclusion of minorities in genetic research	\$40,981	Q3.S.D	University of Southern California
Predicting outcome at age 5 of younger siblings of children with ASD	\$40,866	Q1.L.A	Vanderbilt University
Clinical and Bioinformatics Core (supplement)	\$39,796	Q3.L.B	Duke University
Distinct function of the neuroligin 3 postsynaptic adhesion complex	\$37,784	Q2.Other	Columbia University
Centers for Autism and Developmental Disabilities Research and Epidemiology (CADDRE) - Data Coordinating Center	\$36,170	Q3.L.D	Michigan State University
ACE Center: Administrative Core	\$34,477	Q1.L.A	University of California, San Diego
The role of MECP2 in Rett syndrome (supplement)	\$34,417	Q3.Other	University of California, Davis
Asperger's syndrome: Diagnosis, interpretation and impact	\$34,360	Q1.L.C	University of Chicago
Multisensory integration and temporal synchrony in autism	\$34,176	Q2.Other	University of Rochester
Role of excitation and inhibition in Rett syndrome	\$32,922	Q2.S.D	Baylor College of Medicine
Central vasopressin receptors and affiliation	\$32,902	Q4.S.B	Emory University

Project Title	Funding	Strategic Plan Objective	Institution
A model for inclusion of minorities in genetic research (supplement)	\$32,846	Q3.S.D	University of Southern California
ACE Center: Disturbances of affective contact: Development of brain mechanisms for emotion (supplement)	\$32,703	Q2.Other	University of Pittsburgh
Molecular mechanisms regulating synaptic strength (supplement)	\$32,258	Q2.Other	Washington University in St. Louis
Neural mechanisms underlying obsessive compulsiveness in ASD	\$32,236	Q1.L.B	University of Michigan
Role of L-type calcium channels in hippocampal neuronal network activity	\$32,191	Q4.S.B	Stanford University
Neurogenomics in a model for procedural learning	\$31,848	Q4.S.B	University of California, Los Angeles
3/3 CBT for anxiety disorders in autism: Adapting treatment for adolescents	\$31,331	Q4.S.F	University of Miami
Elucidation of the developmental role of JAKMIP1, an autism-susceptibility gene	\$30,418	Q2.S.D	University of California, Los Angeles
Global solutions in research and clinical practice in communication sciences and disorders (CSD)	\$30,000	Other	American Speech-Language-Hearing Association
A model for inclusion of minorities in genetic research	\$30,000	Q3.S.D	Fiesta Educativa, Inc.
Reward systems in children with autism	\$29,840	Q1.L.B	University of California, Los Angeles
Amygdala structure and biochemistry in adolescents with autism	\$27,618	Q1.L.B	University of Wisconsin - Madison
Longitudinal neurodevelopment of auditory and language cortex in autism	\$27,318	Q2.Other	University of Utah
Core E: Participant Recruitment & Assessment Services (supplement)	\$25,956	Other	Vanderbilt University
Regulation of MET expression in autism disorder and forebrain ontogeny	\$25,800	Q2.S.G	Vanderbilt University
Allosteric potentiators of the oxytocin system for the control of social motivation	\$25,000	Q3.Other	University of North Carolina at Chapel Hill
Ethics of communicating scientific findings on autism risk	\$25,000	Q7.E	Drexel University
Neurogenetics of candidate systems in autism (supplement)	\$23,730	Q3.L.B	Duke University
Restricted and repetitive behaviors in young children with autism (supplement)	\$23,131	Q2.Other	Duke University
Core A: Administrative Services (supplement)	\$22,897	Other	Vanderbilt University
Clinical correlations of contiguous gene syndromes	\$21,923	Q2.S.D	Baylor College of Medicine
Vaccine safety datalink thimerosal and autism study	\$20,857	Q3.S.F	Centers for Disease Control and Prevention (CDC)
Interdisciplinary training conference in developmental disabilities	\$20,000	Q7.K	University of Wisconsin - Madison

Project Title	Funding	Strategic Plan Objective	Institution
The role of the Rett gene, chromosome 15Q11-Q13, other genes, and epigenetics	\$18,368	Q3.L.B	Baylor College of Medicine
Genetic studies in autism on chromosome 7 (supplement)	\$17,887	Q3.L.B	Duke University
Molecular Analysis Core (supplement)	\$17,853	Q3.L.B	Duke University
Neurological diseases due to inborn errors of metabolism	\$17,838	Q2.S.E	University of Texas Southwestern Medical Center
Core E: Statistical Analysis Core	\$15,567	Q3.Other	University of California, Davis
Plasticity in autism spectrum disorders: Magnetic stimulation studies	\$14,963	Q1.L.B	Beth Israel Deaconess Medical Center
Wiring the brain: From genetic to neuronal networks	\$13,000	Q2.Other	University of North Carolina at Chapel Hill
A model-based investigation of face processing in autism	\$12,950	Q2.Other	Georgetown University
Maternal inflammation alters fetal brain development via tumor necrosis factor-alpha	\$12,928	Q2.S.A	Stanford University
Structural brain differences between autistic and typically-developing siblings	\$12,030	Q2.Other	Stanford University
Folate rechallenge: A pilot study	\$10,961	Q4.S.C	Baylor College of Medicine
Proteomics in Drosophila to identify autism candidate substrates of UBE3A (supplement)	\$10,000	Q2.S.D	University of Tennessee Health Science Center
Neurobiological correlates of language dysfunction in autism spectrum disorders (supplement)	\$8,688	Q2.Other	Alexian Brothers Medical Center
Simons Simplex Collection	\$8,592	Q7.D	Baylor College of Medicine
Genetic dissection of restricted repetitive behavior (RRB)	\$8,291	Q3.L.B	University of Florida
MRI studies of cognition and sensorimotor integration	\$7,770	Q2.Other	Georgetown University
Functional neuroanatomy of developmental changes in face processing (supplement)	\$7,712	Q2.Other	University of Kentucky
Evaluation and treatment of copper/zinc imbalance in children with autism	\$7,395	Q2.S.A	Penn State Milton S. Hershey Medical Center
State of the States	\$7,061	Q7.B	Centers for Medicare & Medicaid Services (CMS)
Treatment of sleep problems in children with autism spectrum disorder with melatonin: A double-blind, placebo-controlled study	\$6,814	Q2.S.E	Baylor College of Medicine
Language and social communication in autism	\$6,798	Q2.L.B	University of California, Los Angeles
Neuroimaging of autism spectrum disorders	\$6,798	Q2.L.B	University of California, Los Angeles
Cerebral asymmetry and language in autism	\$6,798	Q2.L.B	University of California, Los Angeles
Neuroimaging and symptom domains in autism	\$6,798	Q2.L.B	University of California, Los Angeles
Autism: Role of oxytocin	\$6,505	Q2.S.A	University of Kansas Medical Center

Project Title	Funding	Strategic Plan Objective	Institution
Dense mapping of candidate regions linked to autistic disorder	\$5,028	Q3.L.B	Feinstein Institute for Medical Research
Autism Genome Project	\$4,894	Q3.L.B	Mount Sinai School of Medicine
Characterization of the mirror neuron system in 3-9 month old infants using the BabySQUID imaging system	\$4,748	Q2.Other	University of New Mexico
Functional MRI of attention regulation in people with and without autism	\$3,452	Q2.L.A	Georgetown University
Language and social communication in autism	\$3,406	Q2.L.B	University of California, Los Angeles
Intranasal oxytocin in the treatment of autism	\$2,202	Q4.L.A	Mount Sinai School of Medicine
Oxytocin vs. placebo on response inhibition and face processing in autism	\$1,712	Q4.L.A	Mount Sinai School of Medicine
Greater New York Autism Center of Excellence - Clinical Core	\$1,224	Q2.Other	Mount Sinai School of Medicine
Brain glutamate concentrations in autistic adolescents by MRS	\$1,224	Q3.S.E	Mount Sinai School of Medicine
Neural mechanisms of attentional networks in autism	\$490	Q2.Other	Mount Sinai School of Medicine
fMRI study of self-produced tactile stimulation in autistic adolescents	\$244	Q2.Other	Mount Sinai School of Medicine
Open label risperidone in children and adolescents with autistic disorder	\$244	Q4.L.C	Mount Sinai School of Medicine
ACE Center: Data Management/Statistical Core	\$28	Other	University of Washington
ACE Center: Diffusion tensor MRI + histopathology of brain microstructure + fiber pathways	\$12	Q2.Other	University of Pittsburgh
ACE Center: Diffusion tensor MRI + histopathology of brain microstructure + fiber pathways (supplement)	\$2	Q2.Other	University of Pittsburgh
Multiplexed suspension arrays to investigate newborn and childhood blood samples for potential immune biomarkers of autism	\$0	Q1.L.A	Centers for Disease Control and Prevention (CDC)
A prospective multi-system evaluation of infants at risk for autism	\$0	Q1.L.B	Massachusetts General Hospital
A prospective multi-system evaluation of infants at risk for autism	\$0	Q1.L.B	Massachusetts General Hospital
Characterization of the pathological and biochemical markers that correlate to the clinical features of autism	\$0	Q2.Other	Research Foundation for Mental Hygiene, Inc.
Characterization of the pathological and biochemical markers that correlate to the clinical features of autism	\$0	Q2.Other	Research Foundation for Mental Hygiene, Inc.
Characterization of the pathological and biochemical markers that correlate to the clinical features of autism	\$0	Q2.Other	Research Foundation for Mental Hygiene, Inc.
Redox abnormalities as a vulnerability phenotype for autism and related alterations in CNS development	\$0	Q2.S.A	University of Rochester

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Redox abnormalities as a vulnerability phenotype for autism and related alterations in CNS development	\$0	Q2.S.A	Arkansas Children's Hospital Research Institute
Redox abnormalities as a vulnerability phenotype for autism and related alterations in CNS development	\$0	Q2.S.A	State University of New York at Potsdam
Etiology of sleep disorders in ASD: Role of inflammatory cytokines	\$0	Q2.S.E	University of Maryland, Baltimore
Gastrointestinal functions in autism	\$0	Q2.S.E	University at Buffalo, The State University of New York
Maternal risk factors for autism spectrum disorders in children of the Nurses' Health Study II	\$0	Q3.L.C	Harvard University
Maternal risk factors for autism spectrum disorders in children of the Nurses' Health Study II	\$0	Q3.L.C	Massachusetts General Hospital
Maternal risk factors for autism spectrum disorders in children of the Nurses' Health Study II	\$0	Q3.L.C	Harvard University
Interaction between MEF2 and MECP2 in the pathogenesis of autism spectrum disorders - 1	\$0	Q3.Other	Burnham Institute
Epigenetic regulation of the autism susceptibility gene, ENGRAILED 2 (EN2)	\$0	Q3.Other	University of Medicine & Dentistry of New Jersey - Robert Wood Johnson Medical School
Interaction between MEF2 and MECP2 in the pathogenesis of autism spectrum disorders -2	\$0	Q3.Other	Burnham Institute
MeHG stimulates antiapoptotic signaling in stem cells	\$0	Q3.Other	Kennedy Krieger Institute
Discordant monozygotic twins as a model for genetic-environmental interaction in autism	\$0	Q3.S.C	Kennedy Krieger Institute
Discordant monozygotic twins as a model for genetic-environmental interaction in autism	\$0	Q3.S.C	Johns Hopkins University
Toxicant-induced autism and mitochondrial modulation of nuclear gene expression	\$0	Q3.S.F	Texas A&M University
Developing treatment, treatment validation, and treatment scope in the setting of an autism clinical trial	\$0	Q4.L.A	University of Medicine & Dentistry of New Jersey
Developing treatment, treatment validation, and treatment scope in the setting of an autism clinical trial	\$0	Q4.L.A	University of Medicine & Dentistry of New Jersey - Robert Wood Johnson Medical School
Developing treatment, treatment validation, and treatment scope in the setting of an autism clinical trial	\$0	Q4.L.A	University of Medicine & Dentistry of New Jersey - Robert Wood Johnson Medical School

